

WE CLAIM:

1. A method of displaying still images on a backboard that appear animated to viewers in motion, said method comprising:
 - selecting a side profile for said backboard;
 - representing said selected profile mathematically;
 - selecting an optimal viewer position;
 - selecting a worst case viewer position;
 - calculating a magnification factor for said optimal viewer position;
 - calculating a magnification factor for said worst case viewer position;
 - determining whether said magnification factors result in acceptable observable images;
 - preshrinking images in accordance with said magnification factor for said optimal viewer position when said magnification factors are determined to result in acceptable observable images; and
 - mounting said preshrunk images on said backboard.
2. The method of claim 1 wherein said selecting a side profile comprises selecting a side profile in accordance with available installation space.
3. The method of claim 1 wherein said selecting a side profile comprises selecting a nonplanar side profile for said backboard.
4. The method of claim 1 wherein said selecting a side profile comprises selecting a planar side profile for said backboard.

5. The method of claim 1 wherein said representing comprises representing said selected profile mathematically by approximation.

6. The method of claim 1 wherein said determining comprises determining whether a difference between said magnification factors exceeds a preset magnification limit.

7. The method of claim 6 wherein said preset magnification limit is +/- 10% of the difference between said magnification factors.

8. The method of claim 1 further comprising selecting a side profile for a slitboard, said slitboard comprising a plurality of slits through which said images can be seen by said viewers in motion.

9. The method of claim 8 wherein said selecting a side profile for a slitboard comprises selecting a side profile for a slitboard that is identical to said selected side profile for said backboard.

10. The method of claim 1 further comprising illuminating said preshrunk images from behind said backboard, said backboard facing said viewers in motion.